



Figure S1 Negative control of immunofluorescence staining. LPS, liposaccharide; LYC, lycopene.

Table S1 Antibodies used in the study

Antibody	Product ID	Manufactory	Application & dilution
IL1 beta Mouse Monoclonal Antibody	BF8021	Affbiotech	WB: 1:1,000 IF: 1:200
IL6 Rabbit pAb	A24522	Abclonal	WB: 1:1,000 IF: 1:200
TNF- α Rabbit mAb	A24214	Abclonal	WB: 1:1,000 IF: 1:200
Phospho-PI3 Kinase p85 (Tyr458)/p55 (Tyr199) (E3U1H) Rabbit mAb	17366	Cell Signaling Technology	WB: 1:1,000
PI3 Kinase p85 alpha Rabbit mAb	A4992	Abclonal	WB: 1:1,000
Phospho-AKT (Ser473) Recombinant Antibody	80455-1-RR	Proteintech	WB: 1:1,000
AKT Polyclonal Antibody	10176-2-AP	Proteintech	WB: 1:1,000
BAX Rabbit mAb	A20227	Abclonal	WB: 1:2,000
Bcl-xL Rabbit mAb	A23766	Abclonal	WB: 1:1,000
Anti-beta Tubulin	ab6046	Abcam	WB: 1:2,000
Multi-rAb HRP-Goat Anti-Mouse Recombinant Secondary Antibody (H + L)	RGAM001	Proteintech	WB: 1:2,000
Multi-rAb HRP-Goat Anti-Rabbit Recombinant Secondary Antibody (H + L)	RGAR001	Proteintech	WB: 1:2,000

IL1, interleukin 1; WB, Western blotting; IF, immunofluorescence; IL6, interleukin 6; pAb, polyclonal antibody; mAb, monoclonal antibody; TNF- α , tumor necrosis factor alpha; PI3 Kinase, phosphoinositide 3-kinase; AKT, protein kinase B; Bax, Bcl-2-associated X protein; Bcl-XL, B-cell lymphoma-extra large; HRP, horseradish peroxidase; H + L, heavy and light chains.